



SEQUENCE LISTING

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<120> CRYSTALLINE FORM OF FATTY ACID AMIDE HYDROLASE (FAAH)

<130> TSRI 923.1

<140> 10/534766

<141> 2007-10-02

<150> PCT/US2003/036125

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<150> US 60/426,788

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<160> 2

<170> PatentIn version 3.1

<210> 1

<211> 579

<212> PRT

<213> Rat

<400> 1

Met Val Leu Ser Glu Val Trp Thr Thr Leu Ser Gly Val Ser Gly Val
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Cys Leu Ala Cys Ser Leu Leu Ser Ala Ala Val Val Leu Arg Trp Thr
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Gly Arg Gln Lys Ala Arg Gly Ala Ala Thr Arg Ala Arg Gln Lys Gln
35 40 45

Arg Ala Ser Leu Glu Thr Met Asp Lys Ala Val Gln Arg Phe Arg Leu
50 55 60

Gln Asn Pro Asp Leu Asp Ser Glu Ala Leu Leu Thr Leu Pro Leu Leu
65 70 75 80

Gln Leu Val Gln Lys Leu Gln Ser Gly Glu Leu Ser Pro Glu Ala Val
85 90 95

Phe Phe Thr Tyr Leu Gly Lys Ala Trp Glu Val Asn Lys Gly Thr Asn

100	105	110
Cys Val Thr Ser Tyr Leu Thr Asp Cys Glu Thr Gln Leu Ser Gln Ala 115	120	125
Pro Arg Gln Gly Leu Leu Tyr Gly Val Pro Val Ser Leu Lys Glu Cys 130	135	140
Phe Ser Tyr Lys Gly His Asp Ser Thr Leu Gly Leu Ser Leu Asn Glu 145	150	155 160
Gly Met Pro Ser Glu Ser Asp Cys Val Val Val Gln Val Leu Lys Leu 165	170	175
Gln Gly Ala Val Pro Phe Val His Thr Asn Val Pro Gln Ser Met Leu 180	185	190
Ser Phe Asp Cys Ser Asn Pro Leu Phe Gly Gln Thr Met Asn Pro Trp 195	200	205
Lys Ser Ser Lys Ser Pro Gly Gly Ser Ser Gly Gly Glu Gly Ala Leu 210	215	220
Ile Gly Ser Gly Gly Ser Pro Leu Gly Leu Gly Thr Asp Ile Gly Gly 225	230	235 240
Ser Ile Arg Phe Pro Ser Ala Phe Cys Gly Ile Cys Gly Leu Lys Pro 245	250	255
Thr Gly Asn Arg Leu Ser Lys Ser Gly Leu Lys Gly Cys Val Tyr Gly 260	265	270
Gln Thr Ala Val Gln Leu Ser Leu Gly Pro Met Ala Arg Asp Val Glu 275	280	285
Ser Leu Ala Leu Cys Leu Lys Ala Leu Leu Cys Glu His Leu Phe Thr 290	295	300
Leu Asp Pro Thr Val Pro Pro Leu Pro Phe Arg Glu Glu Val Tyr Arg 305	310	315 320
Ser Ser Arg Pro Leu Arg Val Gly Tyr Tyr Glu Thr Asp Asn Tyr Thr 325	330	335

Met Pro Ser Pro Ala Met Arg Arg Ala Leu Ile Glu Thr Lys Gln Arg
340 345 350

Leu Glu Ala Ala Gly His Thr Leu Ile Pro Phe Leu Pro Asn Asn Ile
355 360 365

Pro Tyr Ala Leu Glu Val Leu Ser Ala Gly Gly Leu Phe Ser Asp Gly
370 375 380

Gly Arg Ser Phe Leu Gln Asn Phe Lys Gly Asp Phe Val Asp Pro Cys
385 390 395 400

Leu Gly Asp Leu Ile Leu Ile Leu Arg Leu Pro Ser Trp Phe Lys Arg
405 410 415

Leu Leu Ser Leu Leu Leu Lys Pro Leu Phe Pro Arg Leu Ala Ala Phe
420 425 430

Leu Asn Ser Met Arg Pro Arg Ser Ala Glu Lys Leu Trp Lys Leu Gln
435 440 445

His Glu Ile Glu Met Tyr Arg Gln Ser Val Ile Ala Gln Trp Lys Ala
450 455 460

Met Asn Leu Asp Val Leu Leu Thr Pro Met Leu Gly Pro Ala Leu Asp
465 470 475 480

Leu Asn Thr Pro Gly Arg Ala Thr Gly Ala Ile Ser Tyr Thr Val Leu
485 490 495

Tyr Asn Cys Leu Asp Phe Pro Ala Gly Val Val Pro Val Thr Thr Val
500 505 510

Thr Ala Glu Asp Asp Ala Gln Met Glu Leu Tyr Lys Gly Tyr Phe Gly
515 520 525

Asp Ile Trp Asp Ile Ile Leu Lys Lys Ala Met Lys Asn Ser Val Gly
530 535 540

Leu Pro Val Ala Val Gln Cys Val Ala Leu Pro Trp Gln Glu Glu Leu
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Cys Leu Arg Phe Met Arg Glu Val Glu Gln Leu Met Thr Pro Gln Lys
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Gln Pro Ser

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<212> PRT
<213> Rat

<223> Xaa 6 = Arg, Xaa 9 = Ser
Xaa 12 = Lys, Xaa 13 = Arg
Xaa 16 = Ser, Xaa 20 = Lys
Xaa 25 = Arg

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Leu Ile Leu Ile Leu Xaa Leu Pro Xaa Trp Phe Xaa Xaa Leu Leu Xaa
1 5 10 15

Leu Leu Leu Xaa Pro Leu Phe Pro Xaa Leu Ala Ala Phe Leu
20 25 30